

A NEW SPECIES OF HILARA (DIPTERA, EMPIDIDAE) FROM
NEW SOUTH WALES.

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(Communicated by C. E. Chadwick.)

(Four Text-figures.)

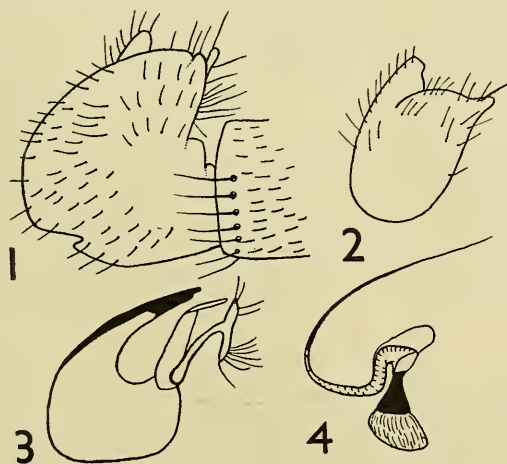
[Read 25th November, 1959.]

Among some *Empididae* collected by Mr. C. E. Chadwick at mercury vapour light in New South Wales was the following new species of *Hilara* which he has very kindly asked me to describe.

HILARA MINNAMURRA, sp. nov.

An entirely yellow-brown species.

♂. Occiput and frons yellow-brown, short black haired with pair of longer diverging ocellar bristles, some longer curved hairs above eyes. Two basal segments of antennae reddish-brown, third segment reddish-brown, darker towards tip. Arista darker, slightly longer than third antennal segment. Thorax yellow-brown with three dark brown



Figs 1-4.—Hypopygium of *Hilara minnamurra*, n. sp. 1, Hypopygium; 2, Lateral Lamella; 3, Ventral Lamella; 4, Penis.

stripes upon which are situated the short black, biserial acrostichal and bi-triserial dorsocentral bristles. The latter commence uniserial, becoming biserial post humerally and irregularly triserial posteriorly in some specimens. The last dorsocentral, before the scutellum, is longer, about as long as lateral scutellar bristle. The longest of the preceding dorsocentrals does not exceed half the length of the long bristle. Scutellum with 6 black bristles, apical pair strongest. Few black hairs on prosternum between front coxae, pleurae bare. Abdomen yellow-brown, short black haired with slender black bristles on hind margin of each segment. Hypopygium (Figs 1-4). Legs yellow-brown, anterior and median pairs of legs short haired, posterior tibiae and tarsi with long bristle-like hairs. Anterior metatarsi swollen evenly along whole length. Wings yellowish with brown veins. Squamae and halteres concolorous with rest of body.

♀. Resembles male, but all legs short haired and front tarsi simple.

Length 6.5 mm.

Holotype ♂ and allotype ♀, also paratypes 7♂♂, 5♀♀, in the Department of Agriculture, Sydney. In addition paratypes 1♂, 1♀, each in the Hope Department of Entomology, Oxford, England, and the author's collection. All collected at Minnamurra Falls, N.S.W., at mercury vapour light by C. E. Chadwick on 15th February, 1958.

This species resembles the New Zealand species *H. rectecta* Collin, in general colour, but is much larger; it does not resemble any of the Tasmanian species described by White (1916). In Collin's (1933) key to South American species it runs to *H. luteolimbata* Collin, but does not resemble that species in colour, size or genitalia characters.

References.

- COLLIN, J. E., 1928.—*New Zealand Empididae*. London.
COLLIN, J. E., 1933.—*Diptera of Patagonia and South Chile*, IV. London.
HARDY, G. H., 1930.—Australian Empididae. *Austr. Zool.*, vi, 3: 237-251.
WHITE, A., 1916.—The Diptera Brachycera of Tasmania, Part III. *Pap. Proc. Roy. Soc. Tasmania*, for 1916: 148-266.